

ROYCE INTERNATIONAL

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TECHNICAL DATA SHEET SUPER TAA-65

Description:

Super TAA-65 is a titanium chelate (ethoxy iso-propoxy titanium bis (2,4-pentanedionate) or ethoxy iso-propoxy titanium acetylacetonate. The acetylacetonate ligands confer increased stability to the titanate compared with the titanium alkoxide. Super TAA-65 is stable to crystallization, even in the presence of seeds at -20°C. Super TAA-65 is non-freezing version of Titanium acetylacetonate.

Physical & Chemical Properties:

| PROPERTY | VALUE |
|-------------------------------|-------------------------------------|
| Form | Liquid |
| Solvent | 25% IPA |
| Color | Orange Red |
| Tio ₂ % | 15.0 |
| Ti % | 9.0 ± 0.1 |
| Specific Gravity at 25°C | 0.98 ± 0.005 |
| Flash Point (Deg C) | 12 |
| Initial Boiling Point (Deg C) | 82 |
| Pour Point (Deg C) | s-60 |
| Solubility in solvents | Miscible with most organic solvents |
| CAS No | 17927-72-9 |
| H S NO. | 3824.9099 |

Uses:

1. Printing ink additive to improve adhesion, heat stability and other resistance properties.
2. Coupling agent for fillers and fibers.

Handling and Safety:

- Please refer to the MSDS before using this material.
- Super TAA-65 is intended for industrial use only.

Important Notes / Disclaimer:

All recommendations for use of our products, whether given by us in writing, verbally, or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Although the information contained in this sheet is accurate to the best of our knowledge, no liability can be accepted in respect of such information and no warranty or conditions are intended in respect of the products described as the conditions of application are beyond our control.